CLAIMS

The present listing replaces all previous listings.

1. (Currently Amended) A <u>rechargeable</u> battery pack for use with a portable electric power tool, comprising:

a plastic housing having a floor, a circumferential wall extending upward from an outer peripheral edge of the floor and a cap cooperating with an upper outer peripheral region of the circumferential wall to define an enclosed internal cavity;

a relatively soft elastic bumper fixedly attached to the plastic housing and extending about the outer peripheral edge of the floor, and overlying adjacent portions of the floor and circumferential wall:

a plurality of <u>rechargeable</u> battery cells mounted within the enclosed internal cavity of the plastic housing; and

a relatively soft elastic member within the internal cavity contacting a portion of at least some of the battery cells;

wherein the elastic bumper serves to cushion an impact load exerted on the <u>rechargeable</u> battery pack and the associated power tool if the <u>rechargeable</u> battery pack or the electric power tool and <u>rechargeable</u> battery pack is dropped in an orientation in which the <u>rechargeable</u> battery pack strikes a hard surface.

- 2. (Original) The battery pack of claim 1 wherein the elastic bumper is overmolded onto the plastic housing.
- 3. (Previously presented) The battery pack of claim 1 wherein the floor and the circumferential wall are formed from an injection molding process, and the elastic bumper is co-molded therewith.
- 4. (Original) The battery pack of claim 1 wherein the elastic bumper is mechanically interlocked with the plastic housing.

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- 5. (Original) The battery pack of claim 1 wherein the plastic housing includes at least one aperture formed therethrough for receiving a projection of the elastic bumper for mechanically interlocking the elastic bumper thereto.
- 6. (Original) The battery pack of claim 1 wherein the elastic bumper is affixed to the plastic housing by an adhesive applied therebetween.
- 7. (Original) The battery pack of claim 1 wherein the elastic bumper is secured to the plastic housing by a frictional fit therebetween.
- 8. (Original) The battery pack of claim 1 wherein the plastic housing includes a plurality of external ribs for frictional engagement with the elastic bumper.
- 9. (Original) The battery pack of claim 1 wherein a liquid elastomeric material is sprayed onto the plastic housing to form the elastic bumper.
- 10. (Original) The battery pack of claim 1 wherein the plastic housing is dipped into a liquid elastomeric material to form the elastic bumper.
- 11. (Original) The battery pack of claim 1 wherein the elastic bumper is separately formed and fastened to the outer peripheral edge of the plastic housing.
- 12. (Original) The battery pack of claim 1 wherein the elastic bumper has a nominal wall thickness of 0.3 millimeters to four times a nominal wall thickness of the plastic housing.
- 13. (Original) The battery pack of claim 1 wherein the elastic bumper has a nominal wall thickness of 0.75 millimeters to 2 millimeters.
- 14. (Original) The battery pack of claim 1 wherein the elastic bumper has a durometer of 20 Shore O to 80 Shore A.

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- 15. (Original) The battery pack of claim 1 wherein the elastic bumper has a durometer of 20 Shore A to 75 Shore A.
- 16. (Original) The battery pack of claim 1 wherein the elastic bumper has a static coefficient of friction of 0.5 or greater when cooperating with a smooth, dry planar glass reference surface.
- 17. (Cancelled)
- 18. (Previously Presented) The battery pack of claim 1 wherein the annular elastic member has a durometer of 20 Shore O to 80 Shore A and a nominal radial thickness of 0.3 millimeters to four times a nominal wall thickness of the plastic housing.
- 19. (Original) The battery pack of claim 1 wherein the plastic housing is provided with at least one spring biased latch, which locks the battery pack and the power tool in an assembled state; and wherein at least a portion of the elastic bumper is oriented proximate to the latch.
- 20. (Original) The battery pack of claim 19 wherein the latch projects from the housing a predefined distance when the spring is compressed, and the at least a portion of the elastic bumper has a thickness that is greater than the predefined distance.
- 21. (Original) The battery pack of claim 1 wherein the cap is provided with a tapered guide-way for releasably receiving a cooperating mounting flange on the power tool, when a power tool is moved relative to the battery pack, along a longitudinal axis which is generally parallel to the floor of the battery pack.
- 22. (Original) The battery pack of claim 21 wherein the tapered guide-way tapers in both a transverse and vertical direction to accommodate a slight misalignment of the power tool and battery pack during assembly.

- 23. (Original) The battery pack of claim 22 wherein the cap of the battery pack is provided with a spring biased latch, which locks the battery pack and the power tool in an assembled state, wherein the spring biased latch has a latch force during assembly which is less than the static frictional force exerted by the battery pack when placed upon a smooth dry planar horizontal glass reference surface, thereby enabling a user to install the battery pack while placed on a horizontal surface onto the power tool using one hand.
- 24. (Original) The battery pack of claim 23 wherein the guide-way tapers 1° to 25° transversely relative to a central longitudinal axis parallel to the floor.
- 25. (Original) The battery pack of claim 23 wherein the guide-way tapers 1° to 25° vertically relative to a central longitudinal axis parallel to the floor.
- 26. (Currently Amended) A <u>rechargeable</u> battery pack for use with a portable electric power tool, comprising:

a plastic housing having a floor, a circumferential wall extending upward from an outer peripheral edge of the floor and a cap cooperating with an upper outer peripheral region of the circumferential wall to define an enclosed internal cavity;

a relatively soft elastic bumper fixedly attached external to the plastic housing;

a plurality of <u>rechargeable</u> battery cells mounted within the enclosed internal cavity of the plastic housing;

a relatively soft elastic member within the internal cavity contacting a portion of at least some of the battery cells; and

at least one spring biased latch, which locks the battery pack and the power tool in an assembled state:

wherein at least a portion of the elastic bumper is oriented proximate to the latch and the elastic bumper serves to cushion an impact load exerted on the <u>rechargeable</u> battery pack and the associated power tool if the rechargeable battery pack or the

electric power tool and <u>rechargeable</u> battery pack assembly is dropped in an orientation in which the <u>rechargeable</u> battery pack strikes a hard surface.

- 27. (Original) The battery pack of claim 26 wherein the elastic bumper is mounted to the plastic housing floor.
- 28. (Original) The battery pack of claim 26 wherein the elastic bumper overlies portions of the floor and circumferential wall.
- 29. (Original) The battery pack of claim 26 wherein the elastic bumper extends about the outer peripheral edge of the floor.
- 30. (Cancelled)
- 31. (Cancelled)
- 32. (Previously Presented) The battery pack of claim 1 further comprising a plurality of vents in the cap of the battery pack.
- 33. (Previously Presented) The battery pack of claim 1 further comprising a plurality of vents in the floor of the battery pack.
- 34. (Previously Presented) The battery pack of claim 26 further comprising a plurality of vents in the cap of the battery pack.
- 35. (Previously Presented) The battery pack of claim 26 further comprising a plurality of vents in the floor of the battery pack.
- 36. (Previously Presented) The battery pack of claim 21 further comprising a first electrical connector disposed within the tapered guide-way, which electrically connects to the battery cells.

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- 37. (Previously Presented) The battery pack of claim 36 wherein the mounting flange includes a second electrical connector for mating engagement with the first electrical connector.
- 38. (Currently Amended) A <u>rechargeable</u> battery pack for use with a portable electric power tool, comprising:

a plastic housing having a floor, a circumferential wall extending upward from an outer peripheral edge of the floor and a cap cooperating with an upper outer peripheral region of the circumferential wall to define an enclosed internal cavity;

a relatively soft elastic bumper non-removably attached to the plastic housing and extending about the outer peripheral edge of the floor, and overlying adjacent portions of the floor and circumferential wall;

a plurality of <u>rechargeable</u> battery cells mounted within the enclosed internal cavity of the plastic housing; and

a relatively soft elastic member within the internal cavity contacting a portion of at least some of the battery cells;

wherein the elastic bumper serves to cushion an impact load exerted on the <u>rechargeable</u> battery pack and the associated power tool if the <u>rechargeable</u> battery pack or the electric power tool and <u>rechargeable</u> battery pack assembly is dropped in an orientation in which the <u>rechargeable</u> battery pack strikes a hard surface.